

FIG. 1B

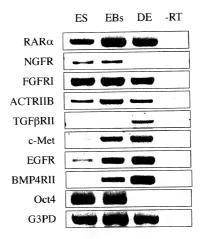


FIG. 2

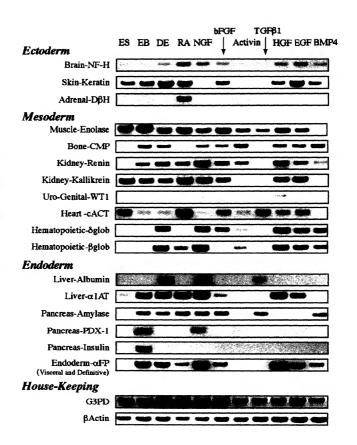


FIG. 3A

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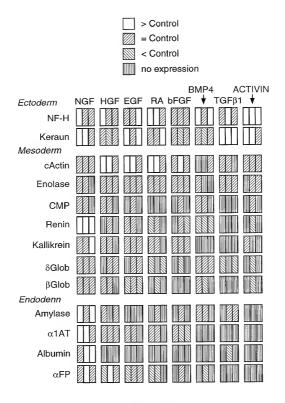
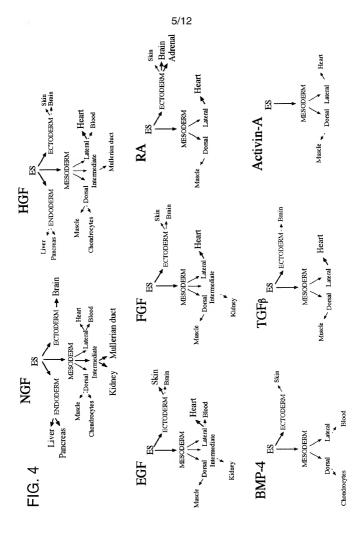


FIG. 3B



Expected
Froduct 680bp
360bp 550bp
450bp
490bp
400bp
410bp
800b
630bp
620bp
430bp
440bp
490bp
300bp
410bp
320bp 370bp
890bp
440hn
doot

CTGCATCAGAAGAGGCCATCAAGC STTCATGTCATCACTCTCTCGGTGC GGGAARTCATCAGAGAGAGCCACTCTGACGGC AGGAAATCATCAGAGAGGGCAAAGAGCCAGATCAGAGATCATCAGAGAGGCTACC GATTCATCAAGAGATGATCAGAGAGCTACC	TCCAACGTGTTCTCCATGTTCGAAC CTTGTAGTCCAAGTTGCCAGTCACG TGTTCTCCTGCCAGGACAAGCAGAAC TCTTGAAGGCTATGTAGGCCACAAGG	TGAACACAGACGCTATGCGCTCAG CACCTTTATGTGAGTGGACACAGAG CGPGAAGCTGGAGAGAGAGAGCTG CAAGGGCCGCAGCTTACACATGTTC	GECTAPAGITATGATTGTCATGTTGGC TCAGCTTTGTCTGCCTCTCCAAGACGGATGAAGTTCTACCAAAGCTCACGC CCAGATCTTGATGTGTCTTCGGCT	AGAGTGAGGAGATCACTACTGGCAG ACCTGCTGGTACTCAGGAAACAGTC	AGCGCGCTTTTGACACTGGTTCGTCC GGTAGAACCTGAGATGTAGGATGC AGCAGCAGTTCTGAAGAGATAGTGCC GTGGAGAGTTCACTGAACTTGTCCC	ICCAGCTCATCTAGATGAGGAGCTC GTCCCATGGCCTAAATGCCTCTCAG	TCCTTCATCAAACAGGAGCCGAGC CTGTAGGGCGTCCTCAGCAGAAG
CTGCATCAGAAGAGGCCATI GTTCATGTCAGTGAGAGCTT AGGAAATCATCTCAGGAGGA GATTCATCAAGCATCAGTG	TCCAACGTGTTCTCCATGTT TGTTCTCCTGCCAGGACAAGC	TGAACACAGACGCTATGCG CGPGAAGCTGGAGAAGGAGA	GGCTAAAGTTATGATTGTCATG	AGAGTGAGGAGATCACTACT	AGCAGCAGTTCGACACTGGTT AGCAGCAGTTCTGAAGAGATA	TCCAGCTCATCTAGATGAGG TAGTCACTGACAACAACGGTG	TCCTTCATCAAACAGGAGO
420bp 480bp 780bp 400bp	400bp 410bp	400bp 140bp	290bp 230bp	820bp	590bp 500bp	460bp 530bp	450bp
insulin Kalilikrein Keratin Lipase	Myosin light polypeptide2 (myosin) Nerve Growth Factor Receptor (NGFR)	Neurofilament Heavy Chain (NFH) Octamer Binding Protein 4 (Oct4)	Parathyroid Hormone (PTH) PDX-1	Phosphoprotein enriched in astrocytes(PEA-15)	Renin Retinoic Acid Receptor type alpha (RAR)	Surfactant Transforming Growth Factor Becentor tone II (TGERII)	WT1

FIG. 5B

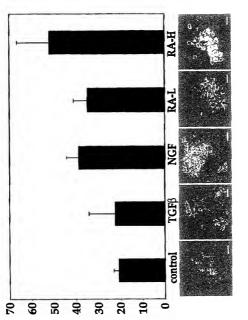
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O'Drimor	D	SEQ ID NO: 5	SEQ ID NO: 7	SEQ ID NO: 9	SEQ ID NO: 11	SEQ ID NO: 13	SEQ ID NO: 15	SEQ ID NO: 17	SEQ ID NO: 19	SEQ ID NO: 21	SEQ ID NO: 23	SEQ ID NO: 25	SEQ ID NO: 27	SEQ ID NO: 29	SEQ ID NO: 31	SEQ ID NO: 33	SEQ ID NO: 35	SEQ ID NO: 37	SEQ ID NO: 39	SEQ ID NO: 41	
5' Drimor	<u>D</u>	SEQ ID NO: 4	SEQ ID NO: 6	SEQ ID NO: 8	SEQ ID NO: 10	SEQ ID NO: 12	SEQ ID NO: 14	SEQ ID NO: 16	SEQ ID NO: 18	SEQ ID NO: 20	SEQ ID NO: 22	SEQ ID NO: 24	D NO	SEQ ID NO: 28	SEQ ID NO: 30	SEQ ID NO: 32	SEQ ID NO: 34	SEQ ID NO: 36	SEQ ID NO: 38	SEQ ID NO: 40	
Gene		lpha-feto protein ($lpha$ FP)	lpha1 anti-trypsin ($lpha$ 1AT)	Activin Receptor type IIB (ACTRIIB)	Albumin	Amylase	B-Actin	β-Globin (β-Glob)	Bone Morphogenic Protein 4 Receptor type II (BMP4RII)	Cardiac Actin (cACT)	Cartilage Matrix Protein (OMP)	8-Globin (8-Glob)	Dopamine β Hydroxylase (DβH)	Enolase	Epidermal Growth Factor Receptor type (EGFR)	Fibroblast Growth Factor Receptor type I (FGFRI)	Follicular Stimulating Hormone (FSH)	Glucagon	Glyceraldehyde 3-phosphate	denydrogenase (чэРบ) Hepatocyte Growth Factor Receptor (c-Met)	

FIG. 5C

SEQ ID NO: 43 SEQ ID NO: 45 SEQ ID NO: 47 SEQ ID NO: 47 SEQ ID NO: 49 SEQ ID NO: 51 SEQ ID NO: 51	SEQ ID NO: 55 SEQ ID NO: 57 SEQ ID NO: 57 SEQ ID NO: 69 SEQ ID NO: 61 SEQ ID NO: 61	SEQ ID NO: 65 SEQ ID NO: 67 SEQ ID NO: 67 SEQ ID NO: 71 SEQ ID NO: 73
SEQ ID NO: 42 SEQ ID NO: 44 SEQ ID NO: 46 SEQ ID NO: 48 SEQ ID NO: 50 SEQ ID NO: 50	SEQ ID NO: 54 SEQ ID NO: 56 SEQ ID NO: 58 SEQ ID NO: 60 SEQ ID NO: 60	SEQ ID NO: 64 SEQ ID NO: 68 SEQ ID NO: 70 SEQ ID NO: 72
Insulin Kalikrein Keratin Lipase Myosin light polypeptide2 (myosin) Nerve Growth Factor Receptor (NGFR)	Neurofilament Heavy Chain (NFH) Octamer Binding Protein 4 (Oct4) Parathyroid Hormone (PTH) PDX-1 Phosphoprotein enriched in astrochas/PEA-15	Retinoic Acid Receptor type alpha (RAR) Surfactant Transforming Growth Factor Receptor type II (TGFRII)

FIG 5D



% of Cells expressing NF-L

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9



FIG. 7A



FIG. 7B

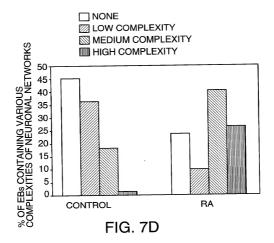






FIG. 7C

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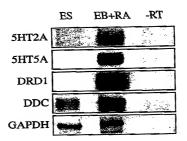


FIG. 8